

**Incorporation of
the Authoritative Data
Sources Working Group
(ADS-WG)
under
the Modeling & Simulation
Resource Repository Board
of Directors (MSRR-BOD)**

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ADS Purpose

Provide the DoD Modeling and Simulation (M&S) users and developers with a description of government and commercial data/information products with levels of quality/authority assigned to each

ADS WG Mission

- **Develop standard metadata template and designation categories**
- **Develop taxonomy with formal definitions**
- **Identify, describe, and designate data sources, warehouses and other data products**
- **Provide M&S Community with user friendly access to the metadata via the MSRR.**

ADS Working Group

Membership

- **Co-Chaired -- DMSO & Service Rep**
- **Representatives of the DoD Components Service M&S Offices, PA&E, JCS, M&S Executive Agents, DIA**
- **Subject matter experts as required (NASA, BMDO, RAND, etc.)**

NOTE: Many ADS reps same people or from same organizations as MSRR reps

ADS History

- 1994 **ADS Working Group formed - Taxonomy developed**
- 1996 **Draft criteria complete - metadata template; definitions of "Authoritative, Approved, Other" designations**
- 96-98 **Visits to obtain source info; building core data base**
- 1998 **Quality Metadata definitions reconciled with MEL, Data Initiative, and ISO metadata templates**
- 1999 **Definitions approved by Services in writing**
• 1999 **MSRRs Decision to migrate Service data sources to Service DMSO effort concentrated on Joint and non-DoD**
- 2000 **Tri-Service MSRRs modified to include ADS metadata**
- 2001 **Air Force and Navy sources transferred and on MSRR Service sites**
- 2001 **Army sources under review - posting to Army MSRR anticipated in 2002**

ADS

Accomplishments

- Identified and catalogued 1395 sources**
- Provided 442 to the Service libraries**
- Current DMSO library - 951 Data Sources**
- Has provided data support too:
Authoritative System Database for
Joint Strike Fighter and Others**
- 01 Annual update as of 31 December --
100 percent complete**

ADS - A Four Step Process

- Identify the sources**
- Gather a standard set of information**
- Designate each source with a level of authority**
- Make information readily available to the M&S community**

ADS Definitions

Category I

A recognized Service or National data production center with applicable mission statement, industry provider, or source/product that has established and documented production quality control procedures and quality controls the data produced. These Organizations or sources/products have a reliable performance history. They have well-defined data metrics and significant metadata information, sufficient to satisfy all priority one Data Quality Template requirements (ADS mandatory metadata fields), available according to a recognized metadata standard.

ADS Definitions

Category II

A data producer or source/product designated by a Component. Includes data providers and sources/products that, while not of the Category I stature, have become de facto providers of data or have unique, one-of-a-kind data sets, and employ quality control procedures. This category includes providers of individual data sets that have been accepted or designed as research grade data sets. The category also includes industry providers who establish Component-approved M&S support systems. Their data may or may not have well defined data metrics, and their metadata only partially satisfy the Data Quality Template priority one requirements (ADS mandatory metadata fields).

ADS Definitions

Category III

A produce, source, or product that is not Category I or Category II but is available for use as deemed appropriate by the user.

Next Steps

- **Continue maintenance of DMSO ADS Library**
- **Complete transition of Army Sources**
- **Integrate DMSO ADS Library into MSRR**
- **Pursue designation of remaining registered sources**
- **Continue pursuing additional DMSO and Service data source registrations**
 - **Support JSF effort to build authoritative data base of weapon systems data**
 - **Establish working relationship with AF Standard Analysis Toolkit (AFSAT) data project**
 - **Establish working relationship with Services' major SBA programs**
- **Transition of ADSWG under MSRR BOD**

Why Transition ADSWG under MSRR BOD?

- **Overlapping purposes**
- **Overlapping people**
- **Overlapping resources (MSRR)**
 - **Tri-Service merger complete**
 - **DMSO merger complete by Apr 02**

Questions?